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CONFIDENTIAL

17 January 1969

9614-2-69

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[Redacted]

PO Box 6788  
Fort Davis Station  
Washington, D. C. 20020

Subject: Contract [Redacted]

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Gentlemen:

In response to your requests of 14 January 1969, transmitted herewith are two (2) copies of the following documents:

Attachment #1 - Materials Inventory, four (4) pages

Attachment #2 - Status of Drawings, one (1) page

Should additional information be required, please contact the undersigned.

Very truly yours,

[Redacted signature box]

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Declass Review by NGA.

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## MATERIALS INVENTORY

| <u>PART NO.</u> | <u>DESCRIPTION</u>       | <u>QUANTITY</u> |
|-----------------|--------------------------|-----------------|
| 125223          | Case                     | 2               |
| 125229          | Holder                   | 4               |
| 125230          | Spring Plate             | 4               |
| 125228          | Plate                    | 8               |
|                 | <u>115704</u>            |                 |
| 115708          | Rack                     | 5               |
| 125204P1        | Strip                    | 8               |
| 125204P2        | Strip                    | 8               |
|                 | Bellows                  | 2               |
|                 | <u>115705</u>            |                 |
| 125208          | Mirror Stop              | 2               |
| 115749          | Hub                      | 2               |
| 115743          | Hub Assy.                | 2               |
| 115738P1        | Shaft                    | 1               |
| 115738P2        | Shaft                    | 1               |
| 125206          | Toggle                   | 2               |
| X18-N           | Ball Plunger             | 6               |
| B-3             | Plastic Cont.Ball Handle | 2               |
| 125210          | Bottom Plate             | 2               |
| 125211          | Top Plate                | 2               |
| 125212          | Rod                      | 2               |
| 125219          | Retainer Seal            | 8               |
| AY-9            | Spring                   | 6               |

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| <u>PART NO.</u> | <u>DESCRIPTION</u> | <u>QUANTITY</u> |
|-----------------|--------------------|-----------------|
| 115721          | Shaft              | 2               |
| 115715          | Sleeve             | 6               |
| G-41-24         | Gear               | 6               |
| 1C1C2           | Thermostat         | 2               |
| CI3             | Collar             | 2               |
| 115741G1        | Roller             | 4               |
| 125214          | Space Angle        | 4               |
| 125215          | Finish Spacer Rod  | 4               |
| 125216          | Roller (Metal)     | 4               |
| 125217          | Roller (Rubber)    | 4               |
| <u>115707</u>   |                    |                 |
| 115729          | Transport Plate    | 4               |
| 115724          | Spacer Shaft       | 2               |
| FB57-3          | Bearing            | 18              |
| G41-24          | Gear               | 2               |
| NSH-33R-10-1    | Motor (Bodine)     | 2               |
| SH-34           | Motor Control      | 2               |
| SFC-100         | Electric Coupling  | 2               |
| <u>125231</u>   |                    |                 |
| 8314440         | Three Way Valve    | 1               |
| 1/2 X 1/6 wall  | Tygon Tubing       | 20 ft.          |

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| <u>PART NO.</u> | <u>DESCRIPTION</u>          | <u>QUANTITY</u> |
|-----------------|-----------------------------|-----------------|
| GFL-940         | Light Table                 | 2               |
| 77313-A         | Complete Elevator Assy.     | 2               |
| 77224-01        | Case                        | 2               |
| 77224-02        | Case                        | 2               |
| 76871-01        | Insides                     | 2               |
| 76871-02        | Insides                     | 2               |
| 74791           | Bracket                     | 4               |
| 74858           | Bracket                     | 8               |
| 14"             | Consute Processor           | 1               |
| 8 1/2 X 11      | Junior Dispenser            | 1               |
| 58661           | Magazine Assy.              | 2               |
| 78814           | Frame                       | 2               |
| 76936-02        | Control Stand               | 2               |
| 76925-A         | Arm Assy.                   | 4               |
| 76866-A         | Lights                      | 12              |
|                 | Schneider Lens              | 2               |
| Type 5FS        | Compar Shutters             | 2               |
| 91888           | Quartz Bulb                 | 8               |
| 58521-A         | Circuit Breaker Boxes Comp. | 2               |
| 76509-A         | Splice                      | 2               |
| E-1634          | Terminal                    | 6               |
| 58111           | Paper Comp.Door Hinge Assy. | 4               |
| 98717           | Magazine Front Cover        | 2               |

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| <u>Part No.</u> | <u>Description</u> | <u>Quantity</u> |
|-----------------|--------------------|-----------------|
| 9181            | Leveling Screws    | 12              |
| 78553           | Receptacle         | 2               |
| 78523-A         | Receptacle         | 2               |
| 58509           |                    | 2               |
| 92764           |                    | 4               |
| E-1059          |                    | 4               |
| 77185           |                    | 4               |

STATUS OF DRAWINGS  
VIEWGRAPH GENERATOR

## A. Drawings Completed

## 1. In the Magazine Area

- (a) Film Storage Case (Cassette)
- (b) View Box

8 detail dwgs.

8 detail dwgs.

## 2. In Copytrace and Printing Area

- (a) Processor
- (b) Film Transport

15 detail dwgs.

20 detail dwgs.

## TOTAL DRAWINGS COMPLETED

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51 detail dwgs.

## B. Drawings Partially Completed

## 1. Viewgraph Main Assy. (85% comp.)

1 assy.dwg.

## 2. Camera Assy. (80% comp.)

1 assy.dwg.

## 3. Processor Assy (80% comp.)

1 assy.dwg.

## 4. Film Transport (80% comp.)

1 assy.dwg.

## TOTAL DRAWINGS PARTIALLY COMPLETED

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4 assy.dwg.

## C. Drawings Remaining

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113 drawings

## TOTAL PROJECT DRAWINGS

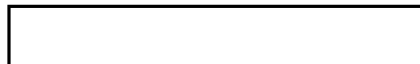
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168 drawings

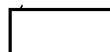
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ANALYSIS FOR  
VU-GRAPH GENERATOR

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PROJECT 9619

12 September 1967

VUGRAPH GENERATOR

PROJECT 9619

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- A. The estimate at completion for two Vugraph Generators [ ] the cost level resulting in an extra expenditure of [ ]
- The estimate at completion for one Vugraph Generator is [ ] at the cost level resulting in an extra expenditure of [ ]
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Of the [ ] worth of parts purchased for the two unit contract, only [ ] worth of these parts can be returned for credit since many of the parts were already in the process of remanufacture. Therefore, [ ] worth of parts cannot be returned and only a small reduction in the cost can be achieved by this means. It should be pointed out, however, that 25% of these non-returnable parts could be used as spares for unit No. 1.

The schedule for this project when additional funding is received will require more time than provided for in the original contract. To provide two units as per original contract, 12 weeks time will be needed from any new start date. If the customer desires only 1 unit, 9 weeks will be required from the project start date.

- B. The overrun in schedule and dollars on Project 9619 is due to the combined impact of the following:

1. The prime reason for the overrun is that a great deal more engineering and design time was necessary than originally estimated to achieve a design which would satisfy the customer's requirements and provide the Government with a more usable piece of equipment.

This is reflected in a 40% decrease in purchased part expenditures but an increase of some 2000 hours in engineering and design labor hours.

The areas requiring change from the modified [ ] Platemaster concept originally proposed were in providing proper copy board coverage for the magnification ranges required. This requirement necessitated changes in the optics, copy board orientation, and film magazine positioning and extensive re-design and remanufacture of purchased parts.

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2. Itek overhead increased from a negotiated rate of 142% with a 13.7% G&A to 150% overhead with a 17% G&A during the span of the contract, producing an added cost impact of [ ]
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- C. The Total Estimated Cost Summary for two units is shown on page 3.  
The Total Estimated Cost Summary for one unit is shown on page 4.  
The Labor Hours Summary for two units is shown on page 5.  
An analysis of purchase components, denoting returnable and non-returnable items is shown on pages 6 and 7.

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Next 7 Page(s) In Document Exempt

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